10/691782

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L2 HAS NO ANSWERS
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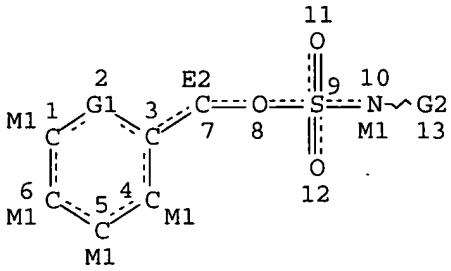


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VAR G2=H/ME/ET/N-PR/I-PR/N-BU/I-BU/T-BU
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HCOUNT  IS M1     AT   5
HCOUNT  IS M1     AT   6
HCOUNT  IS E2     AT   7
HCOUNT  IS M1     AT  10
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  13

STEREO ATTRIBUTES: NONE


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SAMPLE SCREEN SEARCH COMPLETED -     34 TO ITERATE

100.0% PROCESSED      34 ITERATIONS                              9 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          331 TO     1029
PROJECTED ANSWERS:               9 TO      360

L3            9 SEA SSS SAM L2

=> d scan

L3   9 ANSWERS   REGISTRY  COPYRIGHT 2005 ACS on STN
IN   β-D-Fructopyranose, 2,3-O-(1-methylethylidene)-, cyclic 4,5-sulfate
     1-[(2,2,2-trifluoroethyl)sulfamate] (9CI)
MF   C11 H16 F3 N O10 S2

Absolute stereochemistry.  Rotation (-).
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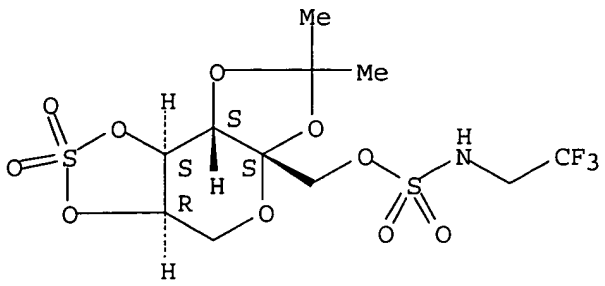

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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L4 1 GLYME/CN

=> s l2 ful
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FULL SCREEN SEARCH COMPLETED - 573 TO ITERATE

100.0% PROCESSED 573 ITERATIONS 189 ANSWERS
SEARCH TIME: 00.00.01

L5 189 SEA SSS FUL L2

=> fil caplus
FILE 'CAPLUS' ENTERED AT 09:49:00 ON 01 JUN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 1 Jun 2005 VOL 142 ISS 23
FILE LAST UPDATED: 31 May 2005 (20050531/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l5/p
L6 43 L5/P

=> s (nh3 or ammonia)
263006 NH3
183329 AMMONIA
L7 353909 (NH3 OR AMMONIA)

=> s l6 and l7
L8 9 L6 AND L7

=> d tot cbib abs

L8 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
2004:1080910 Document No. 142:23467 Process for the preparation of 2,3:4,5-bis-O-(1-methylethylidene)-ss-D-fructopyranose sulfamate via chlorination and amination reactions. Bhatt, Mehul Chandrakant; Kilaru, Srinivasu; Thennati, Rajamannar (Sun Pharmaceutical Industries Limited, India). PCT Int. Appl. WO 2004108732 A1 20041216, 17 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-IN131 20040512. PRIORITY: IN 2003-MU472 20030512.
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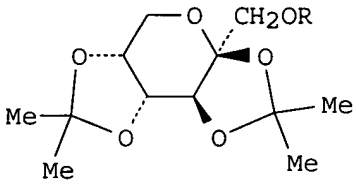

I

AB A process for the preparation of D-fructopyranose sulfamate I (R = SO2NH2), from I (R = H) comprising reacting fructopyranose sulfonyl chloride II (R = SO2Cl), with an amine R1NH2, wherein R1 is selected from hydrogen and C1-C4 alkyl, in a solvent selected from the group consisting of ketones, nitriles, esters and their mixts. to yield the title compound Thus, 2,3:4,5-bis-O-(1-methylethylidene)-ss-D-fructopyranose sulfamate was prepared in quantitaive yield via chlorination of I (R = H) with sulfuryl chloride followed by amination with **ammonia**.

L8 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
2004:754425 Document No. 141:282789 Pharmaceutical cocrystals of active ingredients. Almarsson, Oern; Bourghol Hickey, Magali; Peterson, Matthew; Moulton, Brian; Rodriguez-Hornedo, Nair (Transform Pharmaceuticals, Inc., USA; University of South Florida; The Regents of the University of Michigan; Zaworotko, Michael J.). PCT Int. Appl. WO 2004078163 A2 20040916, 561 pp. DESIGNATED STATES: W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, ML, MR, NE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-US6288 20040226. PRIORITY: US 2003-PV451213 20030228; WO 2003-US6662 20030303; US 2003-PV456027 20030318; US 2003-PV463962 20030418; US 2003-449307 20030530; WO 2003-US19574 20030620; US 2003-601092 20030620; US 2003-PV487064 20030711; WO 2003-US27772 20030904; US 2003-660202 20030911; US 2003-PV508208 20031002; WO 2003-US41273 20031224; US 2004-PV542752 20040206.
AB A pharmaceutical composition comprises a cocrystal of an active pharmaceutical

ingredient (API) and a cocrystal former hydrogen bonded to each other, wherein the API has at least 1 functional group selected om, e.g., ether, thioether, alc., thiol, aldehyde, ketone, thioketone, ester, carboxylic acid, amine, **ammonia**, imine, thiocyanate, cyanamide, oxime, nitro, S-heterocyclic ring, N-heterocyclic ring, or pyrrole and the co-crystal former has at least 1 functional group selected om, e.g., amine, amide, pyridine, imidazole, indole, pyrrolidine, carbonyl, carboxyl, hydroxyl, phenol, or sulfone, such that the API and cocrystal former are capable of cocrystg. om a solution phase under crystallization conditions.

The co-crystals have better solubility, dose response, dissoln., bioavailability, stability or hygroscopicity than the API. Thus, co-crystals of celecoxib and nicotinamide (1:1 molar ratio) were prepared by mixing the acetone solution of the 2 and allowing the solution to evaporate slowly overnight.

L8 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN

2004:754423 Document No. 141:282787 Pharmaceutical cocrystal compositions of drugs such as carbamazepine, celecoxib, and olanzapine. Almarsson, Oern; Bourghol Hickey, Magali; Peterson, Matthew; Zaworotko, Michael J.; Moulton, Brian; Rodriguez-Hornedo, Nair (Transform Pharmaceuticals, Inc., USA; University of South Florida; The Regents of the University of Michigan). PCT Int. Appl. WO 2004078161 A1 20040916, 489 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2003-US27772 20030904. PRIORITY: US 2003-PV451213 20030228; US 2003-378956 20030303; US 2003-PV463962 20030418; US 2003-PV487064 20030711.

AB A pharmaceutical composition comprising a cocrystal of an active pharmaceutical ingredient (API) and a cocrystal forming compound wherein the API has at least 1 functional group selected from, e.g., ether, thioether, alc., thiol, aldehyde, ketone, thioketone, nitrate ester, phosphate ester, thiophosphate ester, ester, thioester, amine, secondary amine, **ammonia**, imidazole, or pyridine and the co-crystal forming compound has at least 1 functional group selected from e.g., amine, amide, pyridine, imidazole, indole, pyrrolidine, carbonyl, carboxyl, hydroxyl, phenol, or sulfone,, such that the API and cocrystal forming compound are capable of co-crystallizing from a solution phase under crystallization conditions. Thus, carbamazepine and p-phthalaldehyde were dissolved in MeOH and slow evaporation of the solvent gave 1:1 carbamazepine-p-phthalaldehyde cocrystals. The cocrystals were characterized by powder x-ray diffraction, DSC and IR spectrometry.

L8 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN

2004:412954 Document No. 140:375417 Continuous process for the preparation of fructopyranose sulfamate derivatives. Adkins, Thomas W.; Cicco, Charles F.; Feibush, Penina; Koch, Donald A.; Maryanoff, Cynthia; Stalzer, Walter E. (Ortho-McNeil Pharmaceutical, Inc., USA). PCT Int. Appl. WO 2004041836 A1 20040521, 56 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN:

PIXXD2. APPLICATION: WO 2003-US34107 20031027. PRIORITY: US 2002-PV422558 20021031; US 2003-691782 20031023.

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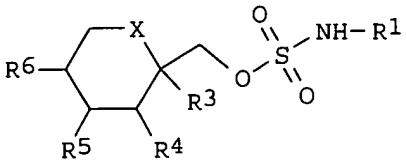

I

AB The present invention is directed to a continuous process for the preparation of fructopyranose sulfamate derivs. I, wherein X is CH2, O; R1 is H, alkyl; R3-R6 are independently H, alkyl, two of them form heterocycle. The present invention is further directed to a continuous process for the preparation of topiramate via sulfuration of diacetone-β-fructose with sulfuryl chloride followed by amidation with **ammonia**.

L8 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN

1995:420629 Document No. 122:240338 Process for the preparation of chlorosulfate and sulfamate derivatives of 2,3:4,5-bis-O-(1-methylethylidene)-β-D-fructopyranose and (1-methylcyclohexyl)methanol. Maryanoff, Cynthia A.; Scott, Lorraine; Sorgi, Kirk L. (McNeilab, Inc., USA). U.S. US 5387700 A 19950207, 10 pp. Cont.-in-part of U.S. Ser. No. 926,269, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1993-106470 19930812. PRIORITY: US 1991-762720 19910919; US 1992-926269 19920805.

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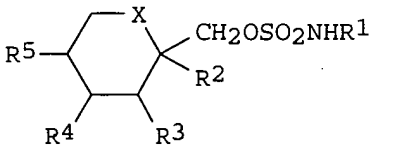

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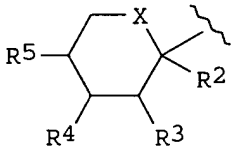

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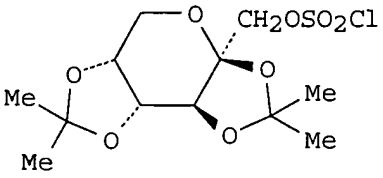

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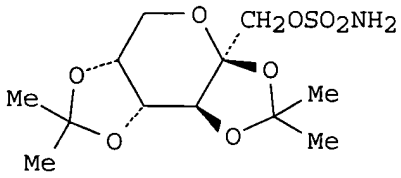

V

AB A two step process for synthesizing sulfamates of the formula I wherein X is CH2 or oxygen; R1 is hydrogen or C1-C4 alkyl; and R2, R3, R4 and R5 are independently hydrogen or alkyl, and, when X is oxygen, any of R2 and R3, or R4 and R5, together, may be a methylenedioxy group of the formula OCR6R7O wherein R6 and R7 are the same or different and are hydrogen, alkyl or are alkyl joined together to form a cyclopentyl or cyclohexyl ring, with the proviso that R6 and R7 may not both be H at the same time; the process comprising in a first step, reacting an alc. of the formula RCH2OH, wherein R is a moiety of the formula II with sulfuryl chloride in the presence of a base selected from the consisting of pyridine, pyridine derivs. and triethylamine in a solvent of toluene to form a chlorosulfate compound of the formula RCH2OSO2Cl (III); and in a second step reacting the chlorosulfate compound III with an amine of the formula R1NH2 in a solvent of THF to produce the sulfamate of formula I. Thus, e.g., reaction of

2,3:4,5-bis-O-(1-methylethylidene)-β-D-fructopyranose with sulfuryl chloride in PhMe in presence of pyridine afforded 100.5% chlorosulfate IV; ammonolysis of IV in THF afforded 93.5% sulfamate V. When CH2Cl2 was used as solvent in both steps of the 2-step procedure, V was obtained in 36.83% yield.

L8 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
1993:626342 Document No. 119:226342 Preparation of chlorosulfate and sulfamate derivatives of 2,3:4,5-bis-O-(1-methylethylidene)-β-D-fructopyranose and (1-methylcyclohexyl)methanol. Maryanoff, Cynthia A.; Sorgi, Kirk L.; Scott, Lorraine (McNeilab, Inc., USA). Eur. Pat. Appl. EP 533483 A2 19930324, 12 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1992-308509 19920918. PRIORITY: US 1991-762720 19910919; US 1992-926269 19920805.
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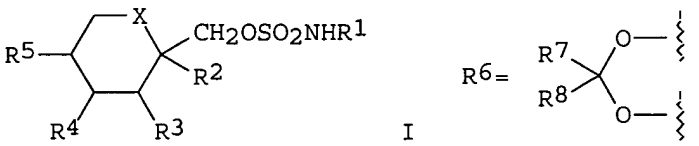

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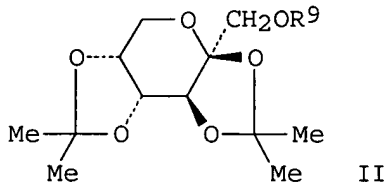

II

AB Title sulfamates I (X = CH2, O; R1-R5 = H, alkyl; R2R3,R4R5 = R6; R7, R8 = H, alkyl, R7R8 = cycloalkylidene) were prepared with high yields. Thus, sulfonylation of compound II (R9 = H) with SO2Cl2 in presence of pyridine gave II (R9 = SO2Cl), which was reacted with **NH3** THF under 30 psi at room temperature to give title sulfamate II (R9 = SO2NH2).

L8 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
1974:449935 Document No. 81:49935 General method for the synthesis of monosaccharide amidosulfates. Kochetkov, N. K.; Usov, A. I.; Deryabin, V. V. (Inst. Org. Khim. im. Zelinskogo, Moscow, USSR). Doklady Akademii Nauk SSSR, 216(1), 97-100 [Chem] (Russian) 1974. CODEN: DANKAS. ISSN: 0002-3264.
GI For diagram(s), see printed CA Issue.
AB Monosaccharide sulfamates (I, II, IV, V, VI) and III (R = H, Ph) were obtained in 55-60% yields by treatment of ROSO2OH.C5H5N (R = monosaccharide) with EtOC.tplbond.CH to give ROSO2OC(:CH2)OEt which was treated with FSO2OH followed by amination with **NH3**, PhNH2, or PhCH2NH2.

L8 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
1973:111630 Document No. 78:111630 Synthesis of amidosulfates from salts of monosaccharide acid sulfates. Monosaccharides. XXVIII. Kochetkov, N. K.; Usov, A. I.; Deryabin, V. V. (Inst. Org. Khim. im. Zelinskogo, Moscow, USSR). Zhurnal Obshchei Khimii, 42(12), 2763-5 (Russian) 1972. CODEN: ZOKHA4. ISSN: 0044-460X.
AB Pyridine salts of 1,2:3,4-di-O-isopropylidene-α-D-galactopyranose 6-sulfate and 1,2:5,6-di-O-isopropylidene-α-d-glucofuranose 3-sulfate in dry CHCl3 were treated with EtOC.tplbond.CH, heated briefly, evacuated to remove the resulting free pyridine with added heptane, and

treated with **NH3** in C6H6 or a desired amine (PhNH2 or PhCH2NH2), to form, after chromatog. purification on silica gel in CHCl3, the resp. 6- or 3-amidosulfate derivative in 20-30% yields.

L8 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN

1972:14829 Document No. 76:14829 Monosaccharides. XXIV. Synthesis of some amidosulfates of monosaccharides. Kochetkov, N. K.; Usov, A. I.; Deryabin, V. V. (Inst. Org. Khim. im. Zelinskogo, Moscow, USSR). Zhurnal Obshchei Khimii, 41(8), 1866-71 (Russian) 1971. CODEN: ZOKHA4. ISSN: 0044-460X.

AB 1,2:3,4-Di-O-isopropylidene-D-galactose (I) kept 24 hr with powdered Na in MePh then treated with ClSO2NMe2 and kept 30 min gave 25% 1,2:3,4-di-O-isopropylidene-α-D-galactopyranose 6-dimethylamidosulfate; similarly was prepared the 6-diethylamidosulfate. Also reported was 1,2:5,6-di-O-isopropylidene-α-D-glucofuranose 3-dimethylamidosulfate, which heated 3 hr at 50° with 60% AcOH gave 1,2-O-isopropylidene-α-D-glucofuranose 3-dimethylamidosulfate, which heated further with 50% AcOH gave D-glucose 3-dimethylamidosulfate. Similarly were obtained D-galactose 6-dimethylamidosulfate. I in pyridine treated with SO2Cl2 in MePh and kept 2 hr at -70°, then warmed and treated with H2O gave 1,2:3,4-di-O-isopropylidene-α-D-galactopyranose 6-chlorosulfate (II); similarly was prepared the α-D-glucofuranose analog. Na salt of 1,2:3,4-di-O-isopropylidene-α-D-galactopyranose 6-sulfate treated with PCl5 in CHCl3 and heated 4 hr gave II. II and Et2NH in MePh kept 2 days gave 66% 1,2:3,4-di-O-isopropylidene-α-D-galactopyranose 6-diethylamidosulfate; similarly was prepared the α-D-galactopyranose analog and 1,2:5,6-di-O-isopropylidene-α-D-glucofuranose 3-benzylamidosulfate; 1,2:3,4-di-O-isopropylidene-α-D-galactopyranose 6-benzylamidosulfate. I and PhNH2 in MePh in 2 days gave 6-anilino-6-deoxy-1,2:3,4-di-O-isopropylidene-α-D-galactopyranose; similarly was prepared the 6-deoxy-1,2:3,4-di-O-isopropylidene-6-(1,2:3,4-di-O-isopropylidene-α-D-galactopyranose 6-sulfamido)-α-D-galactopyranose in a reaction of I with dry **NH3** in C6H6 4 hr. The above amidosulfates may be useful for identification of monosaccharides as sulfates.

=>

				THEREOF	
10452255	Not Issued	164	06/02/2003	ARYLSUBSTITUTED PIPERAZINES USEFUL IN THE TREATMENT OF BENIGN PROSTATIC HYPERPLASIA	MARYANOFF, CYNTHIA
10434387	Not Issued	041	05/08/2003	NOVEL SUBSTITUTED SULFAMATE ANTICONVULSANT DERIVATIVES	MARYANOFF, CYNTHIA
10336435	Not Issued	041	01/03/2003	NOVEL ANTICONVULSANT DERIVATIVE SALTS	MARYANOFF, CYNTHIA
10197286	6610855	150	07/15/2002	SYNTHESIS OF 3-AMINO-3-ARYL PROPANOATES	MARYANOFF, CYNTHIA A.
10188924	Not Issued	041	07/03/2002	NOVEL ANTICONVULSANT DERIVATIVE SALTS	MARYANOFF, CYNTHIA
10086583	6613914	150	03/01/2002	PROCESS FOR PREPARING 1, 5-DIARYL-3-SUBSTITUTED PYRAZOLES	MARYANOFF, CYNTHIA A.
10081289	Not Issued	161	02/22/2002	PROCESS FOR PREPARING [S-(R*, S*)] -BETA- [[[1- [1-OXO-3- (4-PIPERIDINYL) PROPYL] -3-PIPERIDINYL] CARBONYL] AMINO] -3-PYRIDINEPROPANOIC ACID AND DERIVATIVES	MARYANOFF, CYNTHIA A.
10020402	6495711	150	12/18/2001	PROCESS FOR PREPARING (-)-(1S, 4R) N-PROTECTED 4-AMINO-2-CYCLOPENTENE-1-CARBOXYLATE ESTERS	MARYANOFF, CYNTHIA
09994153	6841682	150	11/26/2001	NOVEL HETEROCYCLES USEFUL IN THE TREATMENT OF BENIGN PROSTATIC HYPERPLASIA	MARYANOFF, CYNTHIA
09991753	6576786	150	11/26/2001	PROCESS FOR PREPARING SUBSTITUTED CYCLOPENTANE DERIVATIVES AND NOVEL CRYSTALLINE STRUCTURES THEREOF	MARYANOFF, CYNTHIA
09966116	6384233	150	09/28/2001	PROCESS FOR PREPARING 1,5-DIARYL-3-SUBSTITUTED PYRAZOLES	MARYANOFF, CYNTHIA A.
09858078	Not Issued	164	05/15/2001	SYNTHESIS OF 3-AMINO-3-ARYL PROPANOATES	MARYANOFF, CYNTHIA A.
09629997	Not Issued	164	08/01/2000	PROCESS FOR PREPARING 1,5-DIARYL-3-SUBSTITUTED	MARYANOFF, CYNTHIA A.

Day : Wednesday

PALM INTRANET

Date: 6/1/2005
Time: 09:15:25

Inventor Name Search Result

Your Search was:

Last Name = MARYANOFF
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Application#	Patent#	Status	Date Filed	Title	Inventor Name 47
60605324	Not Issued	020	08/27/2004	SOLVENT FREE AMORPHOUS RAPAMYCIN	MARYANOFF, CYNTHIA A.
60591472	Not Issued	020	07/27/2004	METHOD OF COATING STENTS	MARYANOFF, CYNTHIA A.
60422558	Not Issued	159	10/31/2002	CONTINUOUS PROCESS FOR THE PREPARATION OF FRUCTOPYRANOSE SULFAMATE DERIVATIVES	MARYANOFF, CYNTHIA
60378017	Not Issued	159	05/13/2002	NOVEL SUBSTITUTED SULFAMATE ANTICONVULSANT DERIVATIVES	MARYANOFF, CYNTHIA
60303962	Not Issued	159	07/09/2001	NOVEL ANTICONVULSANT DERIVATIVE SALTS	MARYANOFF, CYNTHIA
60146997	Not Issued	159	08/03/1999	PROCESS FOR PREPARING 1,5-DIARYL-3-SUBSTITUTED PYRAZOLES	MARYANOFF, CYNTHIA A.
60021455	Not Issued	159	07/17/1996	LIQUID PHASE PEPTIDE SYNTHESES OF KL-4 PULMONARY SURFACTANT PROTEIN	MARYANOFF, CYNTHIA A.
10691782	Not Issued	030	10/23/2003	CONTINUOUS PROCESS FOR THE PREPARATION OF FRUCTOPYRANOSE SULFAMATE DERIVATIVES	MARYANOFF, CYNTHIA
10460601	Not Issued	090	06/12/2003	PROCESS FOR PREPARING 1,5-DIARYL-3-SUBSTITUTED PYRAZOLES	MARYANOFF, CYNTHIA A.
10457012	Not Issued	160	06/09/2003	PROCESS FOR PREPARING SUBSTITUTED CYCLOPENTANE DERIVATIVES AND NOVEL CRYSTALLINE STRUCTURES	MARYANOFF, CYNTHIA